

Table SI. Experimental diets composition.

Ingredient	Control, g/kg	Ketogenic, g/kg
Carbohydrate	685.0	27.5
Sucrose	100	---
Maltodextrin	130	---
Corn starch	400.0	7.5
Vitamin mix	20	20
Mineral mix	35	---
Protein	162.6	270.6
Casein	162	268
DL-methionine	2.6	2.6
Fat	87.97	571.60
Lard	---	480
Soybean oil	87	90
Fat in casein	0.97	1.60
Cellulose	64	---
Tert-butylhydroquinone	0.014	0.130
Mineral mix	---	20
Calcium phosphate dibasic	---	19
Calcium carbonate	---	8

DL-methionine is the racemic mixture of two stereoisomers of methionine (D-methionine and L-methionine).

Table SII. Fatty acid composition in liver homogenates isolated from CG- and KG-treated KPC female and male mice following 2 months of treatment (related to Fig. 3).

Fatty acid	CGtotal	KGtotal	CGfemales	KGfemales	CGmales	KGmales
Palmitoleic acid	1.73±0.99	0.39±0.03 ^a	1.76±0.82	0.37±0.18 ^b	1.73±1.13	0.42±0.33 ^b
Oleic acid	17.93±4.89	13.36±4.50 ^b	18.25±4.00	14.02±5.94	17.73±5.64	12.58±2.27
Ascleptic acid	2.40±1.00	1.12±0.17 ^b	2.14±0.83	1.23±0.12 ^b	2.56±1.12	1.00±0.12 ^b
Gondoleic acid	0.04±0.02	0.01±0.01 ^b	0.05±0.02	0.01±0.01 ^b	0.04±0.03	0.01±0.01 ^b
Margolic acid	0.09±0.03	0.06±0.02 ^b	0.10±0.04	0.07±0.01	0.09±0.02	0.05±0.02 ^b
Eicosanoid acid	0.46±0.15	0.33±0.05 ^b	0.36±0.10	0.33±0.05	0.52±0.16	0.34±0.05 ^b
Dihomo-γ-linoeic acid	1.21±0.30	0.89±0.21 ^a	0.98±0.14	0.90±0.11	1.35±0.29	0.86±0.31 ^b
α-linolenic acid	0.96±0.61	0.51±0.23 ^b	1.31±0.79	0.48±0.23 ^b	0.75±0.39	0.54±0.25
Eicosapentaenoic acid	0.42±0.16	0.23±0.16 ^a	0.41±0.14	0.19±0.08 ^b	0.43±0.17	0.28±0.22
Docosapentaenoic acid	0.70±0.29	0.32±0.16 ^a	0.68±0.38	0.30±0.18	0.71±0.24	0.34±0.16 ^b
Stearic acid	12.47±2.97	17.35±1.24 ^a	11.80±1.26	17.20±5.20 ^b	12.89±3.70	17.52±3.32 ^b
Margaric acid	0.18±0.05	0.28±0.04 ^a	0.17±0.02	0.29±0.04 ^b	0.19±0.06	0.27±0.04 ^b
Arachidonic acid	9.14±2.50	11.46±2.10 ^b	8.11±2.22	11.47±2.72 ^b	9.78±2.59	11.44±1.31
Adrenic acid	0.43±0.15	0.57±0.12 ^b	0.38±0.17	0.62±0.10 ^b	0.46±0.13	0.51±0.13
Docosahexaenoic acid	6.32±1.49	7.98±1.11 ^a	6.29±1.20	7.65±1.05	6.34±1.72	8.38±1.16 ^b

^aP<0.01, ^bP<0.05 compared with the corresponding CG group. Content of specific fatty acids, expressed as percent of total liver fatty acids, in liver homogenates isolated from CG- and KG-treated KPC female and male mice following 2 months of treatment. Values are expressed as mean ± SD. CG, control plus gemcitabine group; KG, ketogenic plus gemcitabine group; total, all mice combined; females, only female mice; males, only male mice.